

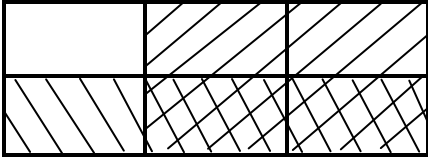
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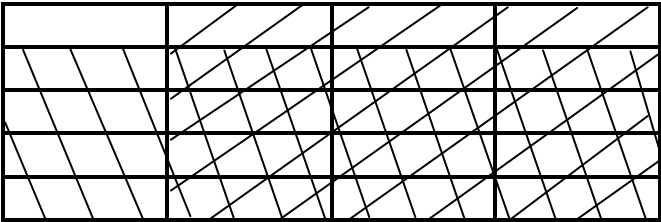

Period: _____

Modeling Multiplication of Fractions

Directions: For each problem, draw a model and show your work. Remember to simplify and box each answer. Be sure that your drawings and work are neat and easy to read. The first has been done for you as an example.

Problem	Model	Algorithm & Answer *Simplify and box all final answers!
Example: $\frac{1}{2} \cdot \frac{2}{3}$	$\frac{2}{3}$ $\frac{1}{2}$ 	$\frac{1}{2} \cdot \frac{2}{3} = \frac{2}{6} = \boxed{\frac{1}{3}}$
$\frac{1}{3} \cdot \frac{3}{4}$		
$\frac{2}{3} \cdot \frac{4}{5}$		
$\frac{1}{4} \cdot \frac{1}{2}$		
$\frac{2}{3} \cdot \frac{2}{3}$		
$\frac{3}{5} \cdot \frac{2}{5}$		

Directions: For the first three problems, write a problem that matches the model given. Then work the problem out in the “Algorithm & Answer” column. Remember to simplify and box each answer. For the last three problems, write what the problem and model could be to get the answer given. *The problem, model, and answer should all match.

Problem	Model	Algorithm & Answer *Simplify and box all final answers!
		
		
		
		$\frac{1}{6}$
		$\frac{1}{7}$
		$\frac{1}{2}$